

Virtual Security Shield®

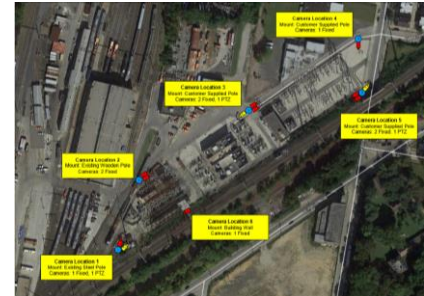
Intelligently Securing Your Facility

duostech Virtual Security Shield is an intelligent digital video surveillance system (**vss**®) that establishes a secure virtual boundary along the perimeter of any area.

Virtual Security Shield utilizes our state-of-the-art intelligent video system viewed through our **centraco**® Command & Control Physical Security Information Management platform. The **vss**® monitors the identified area 24/7/365 and automatically generates alarms/alerts if an object violates the sterile zone.

How it works:

- Day/night video cameras are installed on poles located at the boundary of the sterile area.
- A digital video server, controlled by Duos' **praesidium**® software, includes both the video analytics application as well as a comprehensive distributive alarm management (DAM) engine.
- The cameras function as automated intrusion detectors, providing live, streaming video of the site. This is available for viewing on a browser-based interface, our **centraco**® Command & Control Physical Security Information Management platform. **centraco**® is accessible locally or from a remote location via a secure web portal (SSLVPN).
- Intelligent video alarming is configured using Duos' **praesidium**® sensor detection suite, which analyzes and processes incoming video feeds, using algorithms to detect specific activities.
- When a breach of the virtual fence is detected, the incoming video feed is processed by the software to visualize the type and location of the breach. An audio alarm will sound at the viewing stations (and any other designated location), and the screen graphic flashes to show the pickup camera and intrusion zone.
- **praesidium**® also enables the simultaneous detection of multiple events, processes each event in accordance with user-defined parameters, and presents through the **centraco**® platform.



Virtual Security Shield®



Duos Technologies Inc. provides a broad range of sophisticated intelligent technology solutions with an emphasis on mission critical applications. We combine an innovative business philosophy with a focus on customer service. Our specialty is the development and delivery of customized turnkey solutions for rail centric critical infrastructure systems.

All products, systems and solutions are backed by a 24 x 7 x 365 global training, maintenance and service program.

Virtual Security Shield® comes with **centraco®**, a Command & Control Enterprise Information Management platform that enables the integration and use of a variety of systems, sensors and devices to create more intelligent, intuitive work flow processes.

centraco®:

- Collects data from any number of disparate security devices or systems.
- Analyzes and correlates the data, events, and alarms, to identify the real situations and their priority.
- Presents the relevant situation information in a quick and easy to understand format for an operator to verify the situation.
- Provides Standard Operating Procedures (SOPs), step-by-step instructions based on best practices and an organization's policies, and tools to resolve the situation.
- Tracks all the information and steps for compliance reporting, training and potentially, in-depth investigative analysis.
- Monitors how each operator interacts with the system, tracks any manual changes to security systems and calculates reaction times for each event.

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